



Caltrans

Metric

DIST

COUNTY

ROUTE

KILOMETER TOTAL PROJECT

POST PROJECT

SHEET No

TOTAL SHEETS

REGISTERED CIVIL ENGINEER

JUNE 27, 2005

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER

TILLAT SATTER

No. C42892

Exp. 3-31-06

CIVIL

STATE OF CALIFORNIA

22 mm galvanized bolt anchor shackle with cotter pin (See Note 4)

(See Note 5)

Install this clip as close to loop or thimble as possible.

PLAN

11 mm Dia stain-less steel cable (see note 3 and 6)

Use cable thimble at both ends

Exterior safety lug

80

254

ELEVATION

END SAFETY CABLE

no scale

NOTES

- Safety cable not shown in all views for clarity.
- Unless otherwise shown all steel shall be galvanized after fabrication.
- Stainless steel cable shall be 6 x 19 IWRC construction using Type 302 or 304 alloy stainless steel strands. Minimum cable breaking strength shall be 70 kN, minimum safe working load 11kN. Cable shall be free of kinks, knots, or deformation and shall be continuous with no splices. Safety cable shall not be prestretched.
- Shackle shall be galvanized steel with working load limit of 57 kN.
- Place an equal amount of washers on each side to align cable with end lug without restricting shackle bolt rotation or contacting cable.
- Prior to tightening cable clips at exterior anchorage, slack in cable shall be removed by the full effort of a typical construction worker.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

SPECIAL DESIGNS BRANCH

THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

0 10 20 30 40 50 60 70 80 90 100

USERNAME => pwe11s
DGN FILE =>

LAST REVISION DATE PLOTTED => 27-JUL-2005
TIME PLOTTED => 12:47

CU

EA

OVERHEAD SIGN
SAFETY CABLE RETROFIT 1